

TRANSMITTAL

FORM

PTO/SB/21 (08-00)
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09/770.997

January 25, 2001

Application Number

First Named Inventor

Filing Date

| | | First Named Inventor | Xinhui NIU and | d Nickhii JAKATDAR | |
|---|--------------------|---|----------------|---|--|
| | | Group Art Unit | 2621 | | |
| (to be used for all correspondence after in | Examiner Name | To Be Assigned | | | |
| Total Number Of Pages In This Submission | 6 W/23 REFS | Attorney Docket No. | 509982000100 | | |
| | ENCLOS | URES (check all that | apply) | | |
| Fee Transmittal Form | Ass | ignment Papers an Application) | | After Allowance Communication to Group | |
| Fee Attached | Dra | wing(s) | | Appeal Communication to Board of Appeals and Interferences | |
| Amendment / Reply | Lice | nsing-related Papers | | Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) | |
| After Final | Peti | tion | | Proprietary Information | |
| Affidavits/declarations | | tion to Convert to a risional Application | | Status Letter | |
| Extension of Time Request | Pow Cha | er of Attorney, Revocation nge of Correspondence Add | ress 🗶 | Other Enclosure(s) (please identify below): | |
| D Summa Abandana an | references | | | | |
| Express Abandonment Request | Request for Refund | | | Return Receipt Postcard | |
| Information Disclosure Statement (3 Pages) | CD, | CD, Number of CD(s) | | | |
| Certified Copy of Priority Document(s) | Remarks | | | RECEIVED | |
| Response to Missing Parts/ Incomplete Application | APR 1 7 2002 | | | APR 1 7 2002 | |
| Response to Missing Parts under 37 CFR 1.52 or 1.53 | | | Tech | nnology Center 2600 | |
| SIGNATURE OF APPLICANT, ATTORNEY OR AGENT | | | | | |
| Firm Peter J. Yim (Reg. No. | . 44,417) | | - ON AOL | | |
| or 425 Market Street Individual Name San Francisco, California 94105-2482 | | | | | |
| Signature Put | J | | | | |
| Date April 9, 2002 | | | | | |
| | | | | | |

Burden Hours Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Janet Hollrah

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL" I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, Q.C. 20231, on April 9, 2002.



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Janet Hollrah

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Xinhui NIU and Nickhil JAKATDAR

Serial No.: 09/770,997

Filing Date: January 25, 2001

For: CATCHING OF INTRA-LAYER

CALCULATIONS FOR RAPID RIGOROUS COUPLED-WAVE

ANALYSES

Examiner: To Be Assigned

Group Art Unit: 2621

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APR 1 7 2002

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

| | With t | the application; accordingly, no fee or separate requirements are required. |
|-------------|---------|---|
| \boxtimes | Within | n three months of the application filing date or before mailing of a first Office |
| | Action | on the merits; accordingly, no fee or separate requirements are required. |
| | After | receipt of a first Office Action on the merits but before mailing of a final Office |
| | Action | n or Notice of Allowance. |
| | | A fee is required. A check in the amount of * is enclosed. |
| | | A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached |
| | | to this submission in duplicate. |
| | | A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee |
| | | is believed to be due. |
| | After 1 | mailing of a final Office Action or Notice of Allowance, but before payment of the |
| | issue f | ee. |
| | | A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the |
| | | amount of * is enclosed. |
| | | A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal |
| | | form (PTO/SB/17 is attached to this submission in duplicate. |

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this

document to <u>Deposit Account No. 03-1952</u> referencing <u>509982000100</u>. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: April 9, 2002

Respectfully submitted,

Peter V Yin

Registration No. 44,417 Morrison & Foerster LLP 425 Market Street

San Francisco, California 94105-2482

Telephone: (415) 268-6373 Facsimile: (415) 268-7522 APR 1 2 2002

Form PTO-1449 INFORMATION SURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

| Docket Number 509982000100 | Application Number 09/770,997 |
|-----------------------------|-------------------------------|
| Applicant | |
| Xinhui NIU and Nickhil JAKA | TDAR |

Filing Date January 25, 2001

Group Art Unit 2621

Mailing Date

April 9, 2002

U.S. PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date | Document No. | Name | Class | Subclass | Filing Date If Appropriate |
|----------------------|-------------|----------|--------------|---------------|---------|----------------|-------------------------------|
| | 1. | 7/21/92 | 5,131,752 | Yu et al. | | | |
| | 2. | 11/17/92 | 5,164,790 | McNeil et al. | | | |
| | 3. | 3/4/97 | 5,607,800 | Ziger | F | FCFIVE | |
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| | 6. | 2/2/99 | 5,867,276 | McNeil et al. | Techn | Norw Conton o | 000 |
| | 7. | 10/5/99 | 5,963,329 | Conrad et al. | 1001111 | Ology Center 2 | 600 |

FOREIGN PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date | Document No. | Country | Class | Subclass | Translation YES NO |
|----------------------|-------------|------|--------------|---------|-------|----------|-----------------------|
| | | | | | | | |

| | | OTHER DOCUMENTS (including author, title, Date, Pertinent Pages, Etc.) | | |
|--|-------------|---|--|--|
| Examiner Initials | Ref. No. | Title | | |
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DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



INFORMATION SUBSTITUTE CITATION IN AN APPLICATION

(Use several sheets if necessary)

| Docket Number 509982000100 | Application Number 09/770,997 | | | |
|-----------------------------|-------------------------------|--|--|--|
| Applicant | | | | |
| Xinhui NIU and Nickhil JAKA | TDAR | | | |

Ainnui NIU and Nicknii JAKA I DAK

Filing Date January 25, 2001 Group Art Unit 2621

Mailing Date April 9, 2002

| 16. | D. Maystre, "A new general integral theory for dielectric coated gratings", J. of Opt. Soc. of Amer. vol. 68 (4), Apr. 78, pp. 189-194. |
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